International application No.

			PCT/JP2004/016091	
A. CLASSIF	FICATION OF SUBJECT MATTER 1, A61K31/48, A61K9/70, A61K4	17/32, A61P25/16		
	International Patent Classification (IPC) or to both na	itional classification and IPC	•	
B. FIELDS S				
Int.C	umentation searched (classification system followed l A61K31/48, A61K9/70, A61K4	oy classification symbols) 7/32, A61P25/16		
	searched other than minimum documentation to the			
Electronic data CAPLUS EMBASE	base consulted during the international search (name (STN), CAOLD (STN), REGISTRY (S	of data base and, where practical TN), MEDLINE (STN),	ble, search terms used) BIOSIS (STN),	
C. DOCUME	NTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where	appropriate, of the relevant pass	ages Relevant to claim No.	
x	WO 02/38139 A1 (Hisamitsu Inc.), 16 May, 2002 (16.05.02), Full text; particularly, Cl. 10; example 5 & EP 1340496 A1 & U & AU 200196029 A			
х -	WO 03/013611 A1 (Hisamitsu Inc.), 20 February, 2003 (20.02.03) Full text; particularly, Cla 9; examples 1, 2 & EP 1421955 A1 & KI & AU 2002328603 A1	,	-	
Y Further doc	uments are listed in the continuation of Box C.	See patent family annex	c.	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "A" document defining the general state of the art which is not considered to the principle or the principle		"T" later document published af date and not in conflict with the principle or theory under "X" document of particular relev considered novel or canno step when the document is to document of particular relev considered to involve an in combined with one or more obeing obvious to a person sk	t published after the international filing date or priority a conflict with the application but cited to understand r theory underlying the invention articular relevance; the claimed invention cannot be even for cannot be considered to involve an inventive document is taken alone articular relevance; the claimed invention cannot be involve an inventive step when the document is one or more other such documents, such combination	
ate of the actual completion of the international search 10 December, 2004 (10.12.04)		Date of mailing of the internation 28 December, 2	onal search report 2004 (28.12.04)	
	address of the ISA/ Patent Office	Authorized officer		

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C (Continue		7,012,004/016091	
	ntion). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	, more appropriate, or the resevant passage	Relevant to claim No.	
	WO 02/69942 Al (Hisamitsu Pharmaceutical Co., Inc.), 12 September, 2002 (12.09.02), Full text; particularly, Claims; pages 2, 5 to 15; examples 3, 4 & EP 1366762 Al & US 2004/0096491 Al & KR 2003080070 A & BR 200207955 A & AU 2002236252 A & CN 1499962 A	1-12	
х	WO 03/013613 Al (Hisamitsu Pharmaceutical Co., Inc.), 20 February, 2003 (20.02.03), Full text; particularly, Claims; pages 1, 6 to 12; examples 4, 5 & EP 1447097 Al & AU 2002328602 A	1-12	
х	JP 2000-514053 A (Hexal AG.), 24 October, 2000 (24.10.00), Full text; particularly, Claims; page 5; examples & WO 98/00142 Al & EP 910379 Al & US 6623752 Bl & AU 9736926 A & DE 19626621 A	1-12	
x	JP 2002-515424 A (Schwarz Pharma AG.), 28 May, 2002 (28.05.02), Full text; particularly, Claims; examples & WO 99/59558 A1 & EP 1077688 A1 & US 6461636 B1 & AU 9940407 A & NO 200004859 A & BR 9910404 A & ZA 200004670 A & CN 1301152 A & KR 2001042685 A	1-12	
A	WONG, D.T. et al., Dopamine receptor affinities in vitro and neurochemical effects in vivo of pergolide and its metabolites, Arzneimittel-Forschung, 1993, Vol.43, No.4, pages 409 to 412	1-12	
A	CLEMENS, J.A. et al., Dopamine agonist activities of pergolide, its metabolites, and bromocriptine as measured by prolactin inhibition, compulsive turning, and stereo typic behavior, Arzneimittel-Förschung, 1993, Vol.43, No.3, pages 281 to 286	1-12	
	<pre>JP 2004-83523 A (Hisamitsu Pharmaceutical Co., Inc.), 18 March, 2004 (18.03.04), Full text; particularly, Claims; pages 5 to 10; examples & WO 04/019988 A1</pre>	1-12	

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(Continuation)). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the releva	Relevant to claim No	
P, X	JP 2004-83520 A (Hisamitsu Pharmaceutical Co., Inc.), 18 March, 2004 (18.03.04), Full text; particularly, Claims; pages 7 to 11; examples & WO 04/19987 A1 & AU 2003254874 A		1-12
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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)	
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: 1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:	
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:	
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
This International Searching Authority found multiple inventions in this international application, as follows: (See extra sheet.)	
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.	
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers	
only those claims for which fees were paid, specifically claims Nos.:	
No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	
The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	
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Continuation of Box No.III of continuation of first sheet (2)

The matter common to the inventions according to claims 1 to 12 resides in a transdermal preparation containing pergolide and/or a pharmaceutically acceptable salt thereof.

As the results of the search, however, it is found out that a transdermal preparation containing pergolide and/or a pharmaceutically acceptable salt thereof is not novel because of having been disclosed in documents WO 02/38139 Al (Hisamitsu Pharmaceutical Co., Inc.) 16 May, 2002 (16.05.02), WO 03/013611 Al (Hisamitsu Pharmaceutical Co., Inc.) 20 February, 2003 (20.02.03) and so on.

Accordingly, a transdermal preparation containing pergolide and/or a pharmaceutically acceptable salt thereof falls within the category of prior art and, therefore, the above common matter cannot be referred to as a special technical feature in the meaning within the second sentence of PCT Rule 13.2.

Thus, there is no matter common to all of the inventions according to claims 1 to 12.

Since there is no other common matter seemingly being a special technical feature in the meaning within the second sentence of PCT Rule 13.2, no technical relevancy can be found between these groups of inventions differing from each other in the meaning within PCT Rule 13.

Such being the case, it is obvious that the inventions according to claims 1 to 12 do not comply with the requirement of unity of invention.

It is recognized that claims 1 to 12 have the following two groups of inventions.

- 1) The transdermal preparation containing pergolide and/or a pharmaceutically acceptable salt thereof as set forth in claims 1 to 10 and 12, which is capable of achieving a plasma AUC ratio of pergolide or the like to at least one metabolite thereof of 1:0.5 to 1:5.
- 2) The transdermal preparation containing pergolide and/or a pharmaceutically acceptable salt thereof as set forth in claim 11, which is capable of achieving a ratio (A/B) of the maximum plasma level (A) of pergolide and/or a pharmaceutically acceptable salt thereof to the plasma level (B) thereof in the next administration, and or the ratio (A'/B') of the maximum plasma level (A') of pergolide sulfoxide to the plasma level (B') of pergolide sulfoxide in the next administration of less than 2.

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